

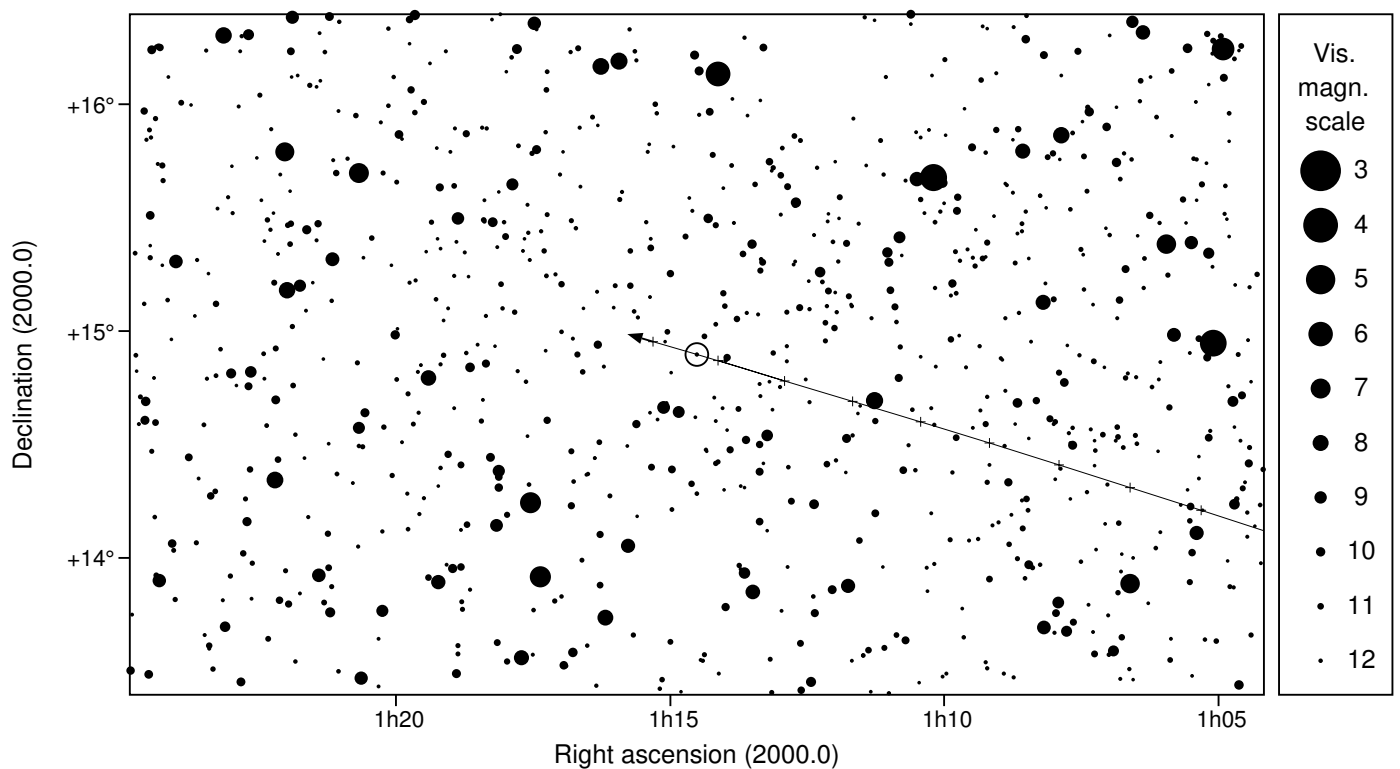
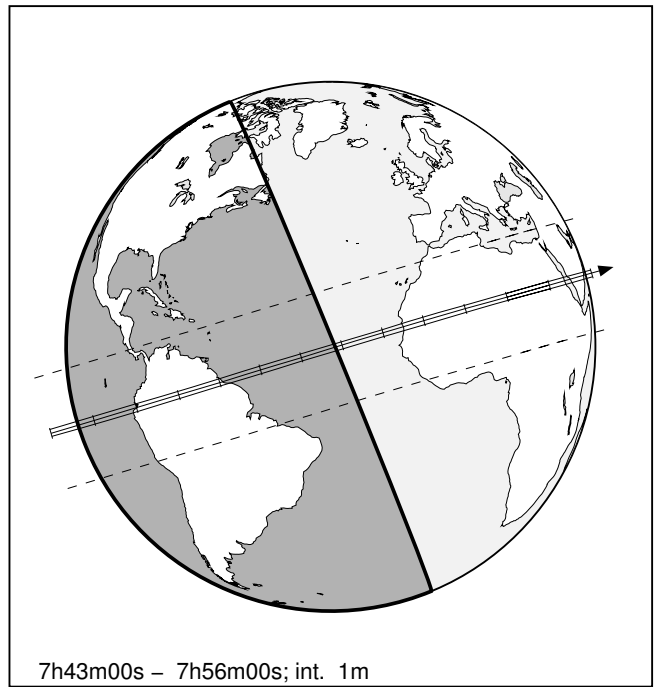
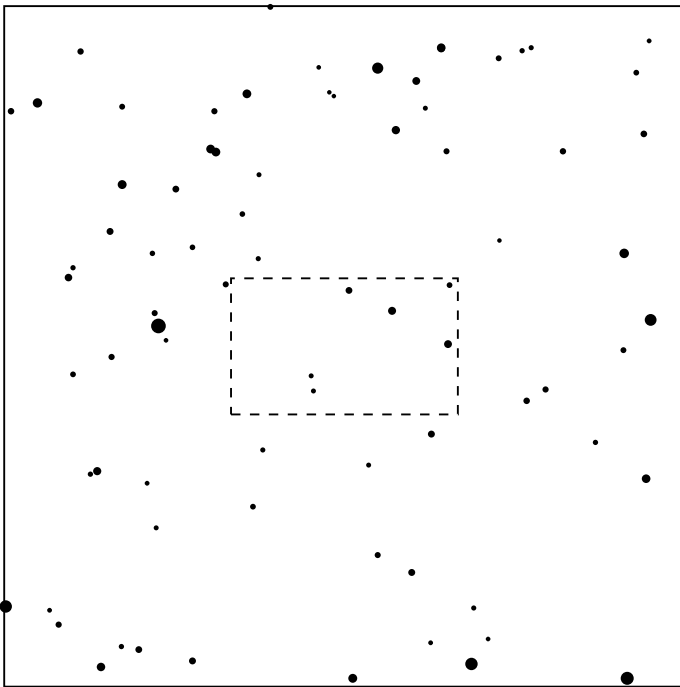
# 85 Io & TYC 0619-00177-1

2025 jul 16 7<sup>h</sup>49.7<sup>m</sup> U.T.

**Planet:**  $a = 2.65, e = 0.19$   
 V. mag. = 11.95 Diam. = 178.0 km = 0.13"  
 $\mu = 45.38''/h$   $\pi = 4.59''$  Ref. = EG2023

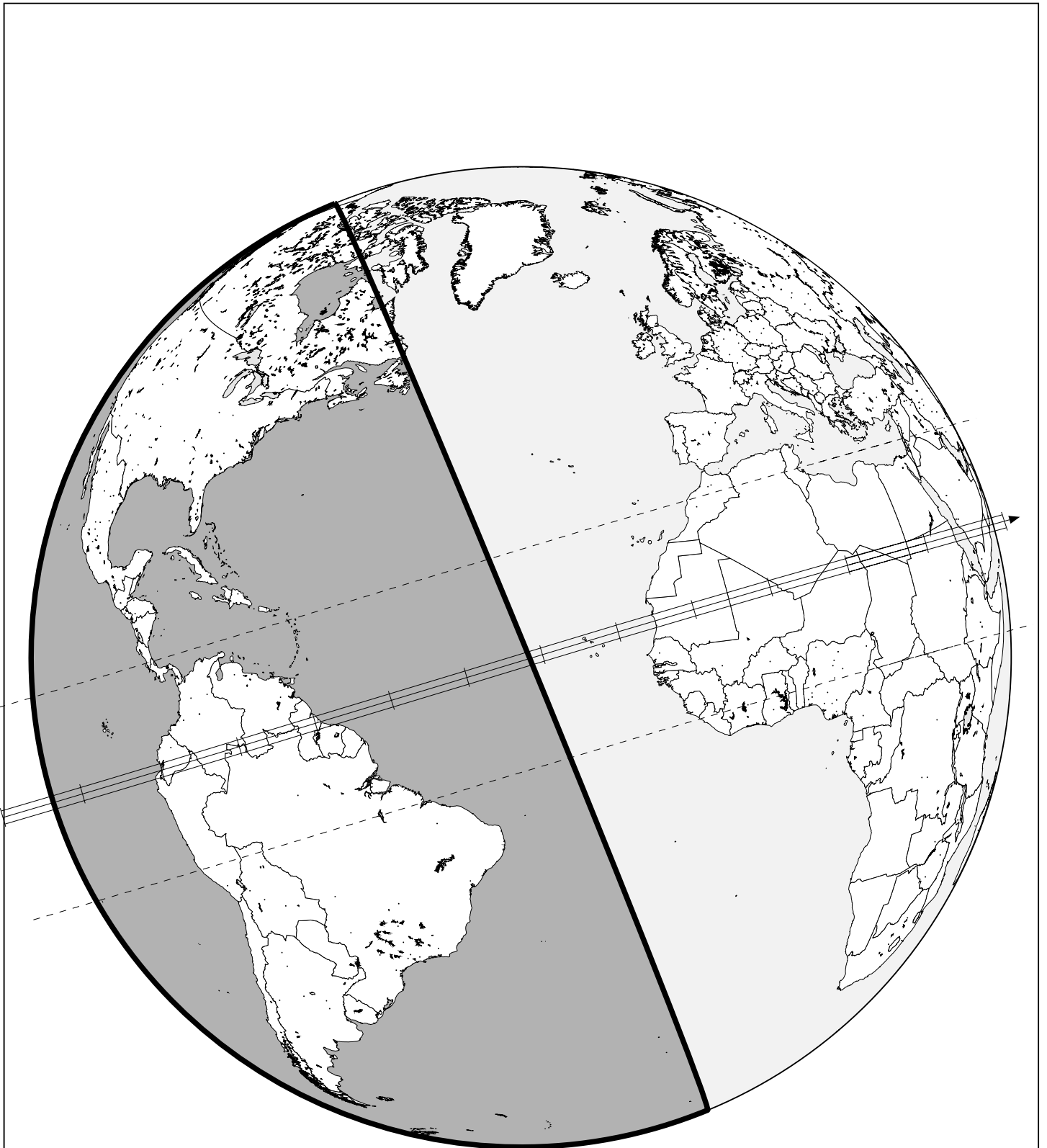
**Star:** Source cat. DR3  
 $\alpha = 1^h14^m30.938^s$   $\delta = +14^\circ53'42.71''$   
 Vmag = 12.07 Bmag = 12.45

$\Delta m = 0.7$  Max. dur. = 10.2s Sun : 90° Moon : 22° , 69%



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7h43m00s – 7h56m00s; int. 1m